									Application or Docket Number				
PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 1997  1045732													
CLAIMS AS FILED - PART I (Column 1) (Column 2)								ALL PE	ENTITY	OR		R THAN ENTITY	
FOR NUMBER FILED NUMBER EXTRA					RAT	Ε	FEE		RATE	FEE			
BASIC FEE								395.00	OR		790.00		
TOTAL CLAIMS minus 20 = *						x\$1	1=		OR	x\$22=	44.00		
INDEPENDENT CLAIMS 3 = * 10						x41	=		OR	x82=	820.00		
MULT	TIPLE DEPEND	SENT	+13	5=		OR	+270=	270.00					
* If the difference in column 1 is less than zero, enter "0" in column 2								AL		OR	TOTAL	1924.00	
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)							SM	ALL	ENTITY	OR		R THAN . ENTITY	
AMENDMENT A	Albert 1	CLAII REMAII AFTE AMENDI	NING ER		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	Έ	ADDI- TIONAL FEE		rate (8	ADDI- TIONAL FEE	
	Total	. 25	5	Minus	· 12	= 3	x\$1	1=		OR	x\$ <i>22=</i>	54	
	Independent	. 14	,	Minus	*** 13	=	x41	=		OR	x82=		
<i>'</i>	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM						+13	5=		OR	+270=		
		(Column 1) (Column 2) (Column 3)								OR	TOTAL ADDIT. FEE		
ENT B		CLAII REMAII AFTE AMENDI	NING ER		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	Έ	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
¹DM	Total	*		Minus	**	=	x\$1	1=		OR	x\$22=		
AMENDME	Independent	*	_	Minus	***	=	x41	=	• • •	OR	x82=		
٧	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM							5=		OR	+270=		
	(Column 1) (Column 2) (Column 3)							TAL FEE		OR	TOTAL ADDIT. FEE		
AMENDMENT C	3	CLAII REMAII AFTE AMENDI	NING ER		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	E	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
	Total	*		Minus	**	=	x\$1	i=		OR	x\$22=		
	Independent	*		Minus	**	=	x41	=		OR	x82=		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM							5=		OR	+270=		
*** If 1	he "Highest Nur the "Highest Nur	nber Previo nber Previo	ously Pai ously Pai	d For" IN THIS d For" IN THIS	mn 2, write "0" in co S SPACE is less that S SPACE is less that Independent) is the	an 20, enter "20."	ADDIT.	_	riate box in		TOTAL ADDIT. FEE	·	

## PATENT APPLICATION FEE DETERMINATION RECORD Effective November 10, 1998 **CLAIMS AS FILED - PART I SMALL ENTITY** OTHER THAN (Column 1) (Column 2) TYPE [ **SMALL ENTITY FOR NUMBER FILED NUMBER EXTRA** RATE FEE RATE FEE **BASIC FEE** 380.00 760:00 OR **TOTAL CLAIMS** minus 20= **a** ユ X\$ 9= 36 X\$18= OR INDEPENDENT CLAIMS minus 3 = X39 =X78= 780 OR MULTIPLE DEPENDENT CLAIM PRESENT +130= +260= 260 OR \* If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL **CLAIMS AS AMENDED - PART II** OTHER THAN (Column 1) (Column 2) SMALL ENTITY OR **SMALL ENTITY** (Column 3) CLAIMS HIGHEST ADDI-REMAINING ADDI-NUMBER **PRESENT AMENDMENT AFTER** RATE TIONAL **PREVIOUSLY** RATE TIONAL **EXTRA AMENDMENT PAID FOR** FEE FEE Total Minus \*\* X\$ 9= X\$18= OR Independent Minus \*\*\* = X39= X78= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +130= +260= OR TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING ADDI-ADDI-NUMBER PRESENT **AMENDMENT AFTER PREVIOUSLY** RATE TIONAL RATE **EXTRA** TIONAL **AMENDMENT PAID FOR** FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus = \*\*\* X39= X78= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +130= +260= OR TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER ADDI-ADDI-PRESENT **AMENDMENT AFTER PREVIOUSLY EXTRA** RATE TIONAL RATE TIONAL **AMENDMENT PAID FOR** FEE FEE Total Minus \*\* X\$ 9= X\$18= OR Independent Minus X39= X78= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +130= +260= OR \* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." TOTAL TOTAL OR \*\*\*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." ADDIT. FEE ADDIT. FEE The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECOR							Application or Docket Number				
	PATENT A	•									
Effective December 29, 1999  CLAIMS AS FILED - PART I  SMALL FUTTY  OTHER THANK											
(Column 1) (Column 2)							LENTITY	OR	35.58	THAN ENTITY	
FOR NUMBER FILED NUMBER EXTRA						RATI	- मध्यक्षा		RATE	FEE	
BASIC FEE							345.00	OR		690.00	
TOT	TAL CLAIMS	X\$ 9		OR	X\$18=						
INDI	EPENDENT CL	AIMS 3	minus	3 = 1		X39		OR	8X76=		
MU	JIPLE DEPEN	IDENT CLAIM PF	RESENT			<del>文</del> である。 である。			260	<b>(50) 00</b>	
• If 1	he difference	in column 1 is	less than ze	ero, enter "0" in c	olumn 2	+130	STATE OF STATES	OR	#260=	W CO	
	C	LAIMS AS A	MENDED	- PART II		ATOTA:		JOH	TOTAL	THAN	
		√(Column 1)	Harris Grand and the last	(Column 2)	(Column 3)	SMAL	L ENTITY	OR	SMALL		
ΤA		CLAIMS REMAINING AFTER		HIGHEST	PRESENT	RATE			RATE	ADDI- TIONAL	
MEN		AMENDMENT	A See See See See	PREVIOUSLY PAID FOR	EXTRA		FEE			FEE	
AMENDMENT	Total		Minus		= 1000000000000000000000000000000000000	X\$ 9		OR	X\$18=		
AM	Independent FIRST PRESE	* NTATION OF MI	Minus	PENDENT CLAIM		X39=		OR	X78=		
3		THAT OF THE	Jenn Le De.	CHOCITI OCAMI		+130	agrafia B	OR	+260=		
						TOT ADDIT, F		OR	TOTAL ADDIT. FEE		
	*	(Column 1)		(Column 2)	(Column 3)	AUUII. I		<b>.</b>	ADDIT. FEE		
8		CLAIMS REMAINING AFTER		HIGHEST NUMBER	PRESENT	RATE	ADDI- TIONAL		DATE	ADDI-	
MENT		AMENDMENT		PREVIOUSLY	EXTRA	NAIL	FEE		RATE	TIONAL FEE	
MEND	Total	* (a constitution of the c	Minus	** de la	<b>=</b> 30, 10 ° 1	X\$ 9		OR	X\$18=		
	Independent FIRST PRESE	1	Minus	PENDENT CLAIM	=	X39=		OR	X78=		
100			Series De.	CHOCH COM		+130	T 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	OR	+260=		
		Paul Water Haller Haller	i yalin dalah Mesya Marahamatan		a Time in the	TOT ADDIT. F	AL	OR	TOTAL	distant recei	
18 mg 2		(Column 1)		(Column 2)	(Column 3)	ADDII. F			ADDIT. FEE		
ပ		REMAINING		HIGHEST NUMBER	PRESENT		ADDI-			ADDI-	
AMENDMENT		AFTER AMENDMENT		PREVIOUSLY PAID FOR	EXTRA	RATE	TIONAL		RATE	TIONAL FEE	
N N	Total	**:	Minus	** (# 144 - 14 A	= 35	X\$ 9=		OR	X\$18=		
AME	Independent	****	Minus	***	=	X39=		OR	X78=		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM							12.00			
• If	<ul> <li>If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</li> <li>If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."</li> </ul>						AL	OR	+260=		
***	f the "Highest Nu	ADDIT. FI	E	OR	ADDIT. FEE						
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY OF COMMERCE AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

NOTICE OF FILING/CLAIM FEE(S) DUE

TO ENSURE PROPER CREDIT OF FEES, PLEASE RETURN A COPY OF THIS FEE CALCULATION SHEET WITH YOUR RESPONSE.

APPLICATION NUMBER:

Fee Code

Total

# Claims

## Total Fee Calculation

Number

	res Cods	= Claims	Extra	<u> X</u>	Fee	Fee =	Total
	Sm./Lg.				Sm. Entity	Lg. Eptity	
Basic Filing Fœ	201(101)					Lg Lamy	790 (0)
Total Claims >20	203(103)	22 -20	= 2	v	<del></del>	200	790.00
Independent Claims >3	207/102	<u>13</u> -3 =				<u>22.00</u>	44.00
Mult. Dep Claim Present			10_	Х		<u>82.00</u>	820.00
Surcharge	$\mathcal{Q}$	. 6 1 7	, , , , , , , , , , , , , , , , , , , ,			<del></del>	<u> 270.0</u> 0
English Translation		igned did	writer	L			<u>130.00</u>
1143.440.1	139						
TOTAL FEE CALCULA	MOTT						12 A TIL AT
_							2,004.0
Fees due upon filing th	e application:						
Total Filing Fees Due	=s_2(	154.00					,
Less Filing Fees Submi	tted - S_						
BALANCE DUE	= \$ _c	2054.0	0	_			
1/1/						<i>;</i>	